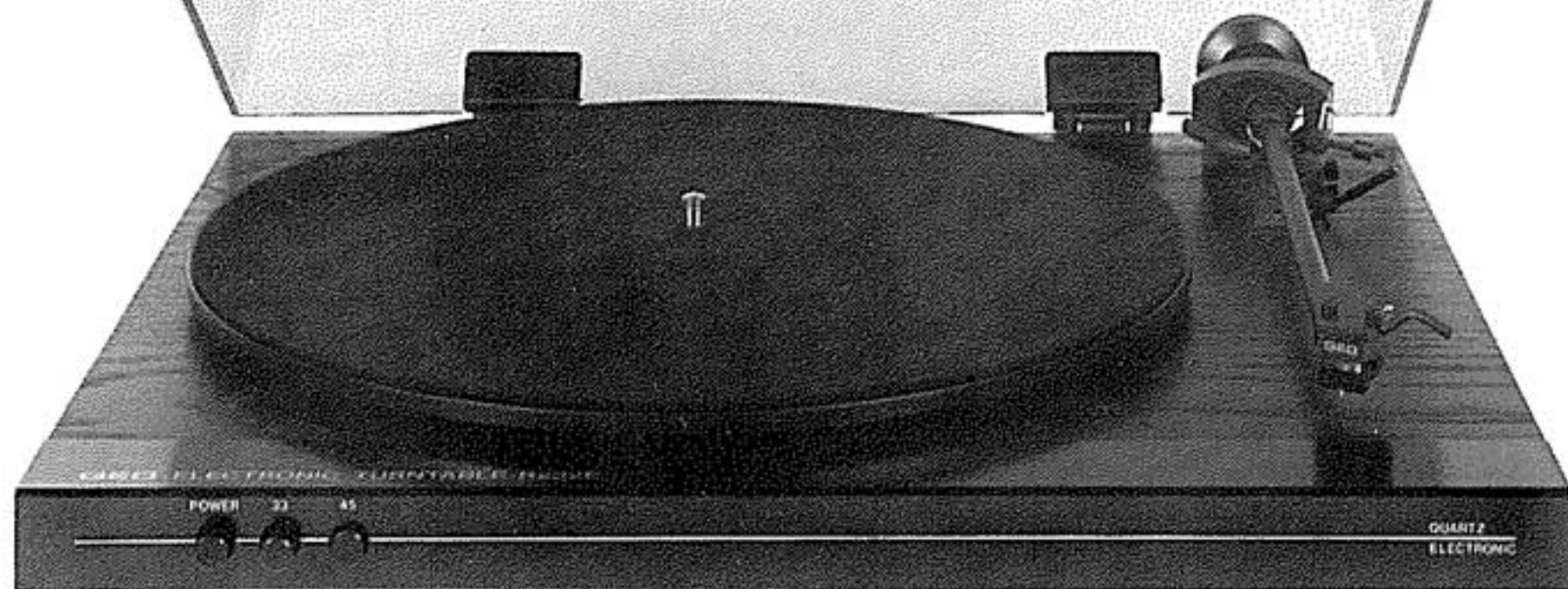


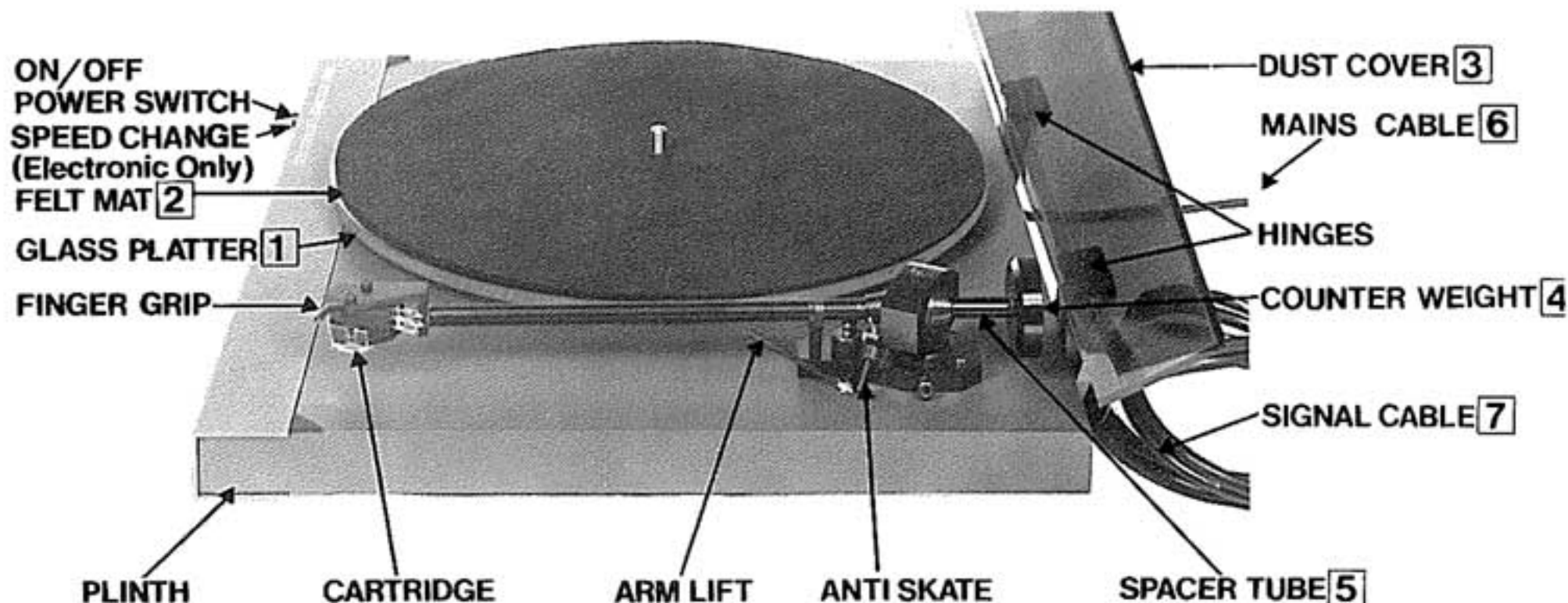
# Instructions

## R232/E&EN

# Integrated Turntable



We recommend that you read this instruction booklet BEFORE  
using the R232 Integrated Turntable



#### **FITTING THE GLASS PLATTER AND FELT MAT (1) + (2)**

The glass platter is placed onto the central hub assembly with the felt mat on top.

Note: The centre hole of the felt mat is a tight fit, thus preventing the mat from being lifted when changing records.

#### **FITTING THE DUST COVER (3)**

This quite simply fits onto the hinges at the back of the turntable plinth.

#### **FITTING THE COUNTERWEIGHT (4) + (5) (FITTED CARTRIDGE ONLY)**

The counterweight determines the cartridge tracking force and normally requires careful adjustment. With the QED turntable however, we have supplied a 'spacer tube' which is pushed over the threaded component at the rear of the pick-up arm. The counterweight should then be screwed on until it stops (prevented from going any further by the spacer — see illustration).

#### **ANTI SKATE BIAS (FITTED CARTRIDGE ONLY)**

Lever and arm method, fixed to suit QED cartridge.

#### **MAINS CONNECTION (6)**

Either a standard 13 amp mains plug (fitted with a 3 amp fuse) or a QED miniature 6 amp mains plug needs to be fitted to the mains cable in accordance with the instructions

BROWN to live (L) BLUE to neutral (N)

YELLOW/GREEN to Earth (E)

#### **AUDIO OUTPUT (7)**

These 'flying' cables plug into the disc input sockets of the amplifier

RED phono = right channel, WHITE phono = left channel

Note: no separate earth wire is required.

## **DO'S AND DONT'S**

- DO Leave the turntable running throughout a listening session.
- DO Keep the turntable clean using a soft lint free cloth (no polish). Use QED Static Zero for cleaning the dust cover (see recommended accessories).
- DO Keep the original packaging in case the turntable needs to be returned to the supplier. If this becomes necessary, please ensure that you contact the supplier before returning the unit.
- DO Mount the turntable on a light rigid surface, this can either be in the form of a system table, wall mounting shelf or TORLYTE isolation platform (see recommended accessories).

- DON'T Remove the centre spindle from the bearing and do not attempt to adjust anything. All geometry and cartridge adjustment have been factory optimised – remember this is a fully integrated product.
- DON'T Mount the turntable on heavy or hollow cabinets unless it is isolated using a TORLYTE platform. Avoid using a system table on bouncy wooden floors.
- DON'T Remove the underside cover.

## **TRUE NAKED ELLIPTICAL (T.N.E.) STYLUS UPGRADE**

Unless you possess the QED ELECTRONIC Turntable (in which case the T.N.E. stylus is fitted as standard), the stylus fitted to the INTEGRATED Turntable is an elliptical diamond bonded onto a sapphire. This may be upgraded to a very significant extent by replacing it with a T.N.E. type. The superior profile maximises the information retrieval from the record grooves and brings the cartridge up to one of the best moving magnets available.

## **TURNTABLES WITHOUT FITTED QED CARTRIDGES**

It is the responsibility of your dealer to either set-up the arm/cartridge geometry and tracking weight, or to provide the appropriate information. We can however say that a  $\frac{1}{4}$  turn of the counterweight equals 0.1 grm (approx.) of downforce.

## **RELIABILITY**

This product is manufactured in QED's own factories at Ashford and West Drayton in Middlesex (London) England. The testing and quality control program covers an individual before and after "soak" testing procedure followed by a final 'listen' to the product. We believe that these thorough tests will ensure a trouble free operation.

## **ASSOCIATED PRODUCTS**

The product line-up includes a matching amplifier, tuner, speakers, cassette deck, 'system table' and speaker stands.

## TECHNICAL SPECIFICATION

### R232 INTEGRATED TURNTABLE

Drive system	: Belt drive
Motor	: 24 pole A.C. synchronous
Speed options	: 33/45 R.P.M. (manual change)
Wow & Flutter	: <0.15%
Rumble	: -68dB
Mains Lead	: 2 core
Signal cables	: INCON cable terminated by two phono plugs
Arm bearing	: Gimbal style 3 point ball race
Arm bearing friction	: 20m grms (vertical) 35m grms (horizontal)
Cartridge type	: Moving magnet
Cartridge stylus profile	: Elliptical 18u x 7u
Dimensions	: 400 x 340 x 105
Weight (inc carton)	: 6.8 Kg

### R232E ELECTRONIC TURNTABLE

Drive system	: Belt drive
Motor	: 24 pole A.C. synchronous
Power supply	: Full quartz crystal sourced synthesised supply to motor
Speed options	: 33/45 R.P.M. (electronic)
Wow & Flutter	: <0.12%
Rumble	: -70dB
Mains lead	: 2 core
Signal cables	: INCON cable terminated by two phono plugs
Arm bearing	: Gimbal style 3 point ball race
Arm bearing friction	: 20m grms (vertical) 35m grms (horizontal)
Cartridge type	: Moving magnet
Cartridge stylus profile	: T.N.E. (see text)
Dimensions	: 400 x 340 x 105
Weight (inc carton)	: 6.8 Kg
Fuse	: 100mA anti range (U.S.A. spec. 250mA)

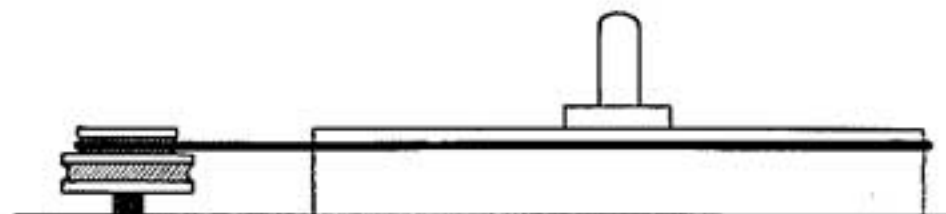
**NOTE:** The above specification is correct for U.K. Turntables, but specifications may vary from country to country.

### GUARANTEE

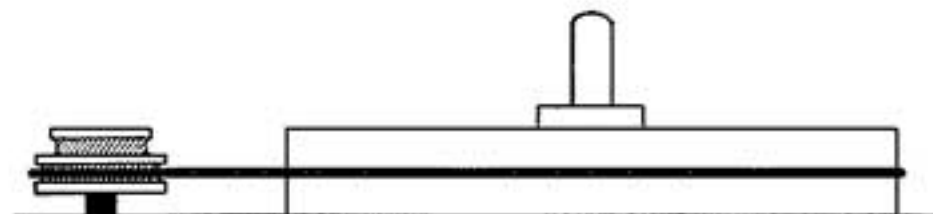
All QED Hi-Fi Systems components are covered by a 3 year guarantee, with the 1st year parts and labour and the 2nd and 3rd years parts only — see guarantee card.

We operate a policy of continual improvement, and reserve the right to amend designs and specifications without prior notice.





**33  $\frac{1}{3}$  RPM**



**45 RPM**

### **INITIAL OPERATION**

Having prepared your R232 integrated turntable for use, we would recommend that you adopt the following procedure:

#### **Start-up procedure**

- 1) Remove the stylus guard from the cartridge
- 2) Switch on the TURNTABLE by depressing the front panel switch
- 3) Switch on the AMPLIFIER and select disc input (set volume to minimum)
- 4) Place a 33  $\frac{1}{3}$  R.P.M. record onto the platter, and in the case of the 'ELECTRONIC' TURNTABLE press the '33' button
- 5) Move arm lift to vertical position and by means of the finger grip, lift the arm and place it over the first track of the record
- 6) Using the arm lift, carefully lower the arm onto the disc
- 7) Carefully close the dust cover
- 8) Adjust volume as required

#### **Switch off procedure**

- 1) Lift dust cover
- 2) Using the arm lift, raise the arm off the disc
- 3) Using the finger grip return the arm to its arm rest
- 4) Switch the AMPLIFIER off
- 5) Switch the TURNTABLE off
- 6) Remove the disc from the platform
- 7) Close dust cover

#### **CHANGING SPEED ('ELECTRONIC' VERSION)**

Simply press '45' or '33' for speed required.

#### **CHANGING SPEED ('MANUAL' VERSION)**

Changing speed to 45 R.P.M.

Speed change is effected by firstly switching the turntable off, and then removing the platter. The drive belt can then be manually moved from the smaller pulley to the larger one. (See illustration).

## **RECOMMENDED ACCESSORIES**

### **SECTION**

### **PRODUCTS**

Mains (6)	A neat and tidy way of connecting your Hi-Fi system to the mains is to use a QED 4 or 6 socket miniature mains distribution unit with matching plugs. (Order codes DU4 and DU6).
Do's and Don'ts	QED STATIC ZERO for cleaning the dust cover. (Order code SZ35).
Do's and Don'ts	QED TORLYTE isolation platform (Order code TP1) or QED System table (Order code ST200).
Stylus upgrade	Superior grade plug-in stylus (see text for details).
Replacement parts	Replacement drive belts and standard replacement stylus are available.